760253167 | S-024-LD-8M-M12BK/24G/PE/PE

Fiber OSP cable, ADSS Long Span, 24 fiber, Singlemode G.652.D, Gel-filled, Meters jacket marking, Black jacket color, 500m

Product Classification

Regional Availability	Asia	Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	S-LD

General Specifications

Cable Type	Stranded outdoor
Construction Type	All Dielectric
Subunit Type	Gel-filled
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	2
Fibers per Subunit, quantity	12
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	2.4 mm	0.094 in
Diameter Over Jacket	13.3 mm	0.524 in

Representative Image

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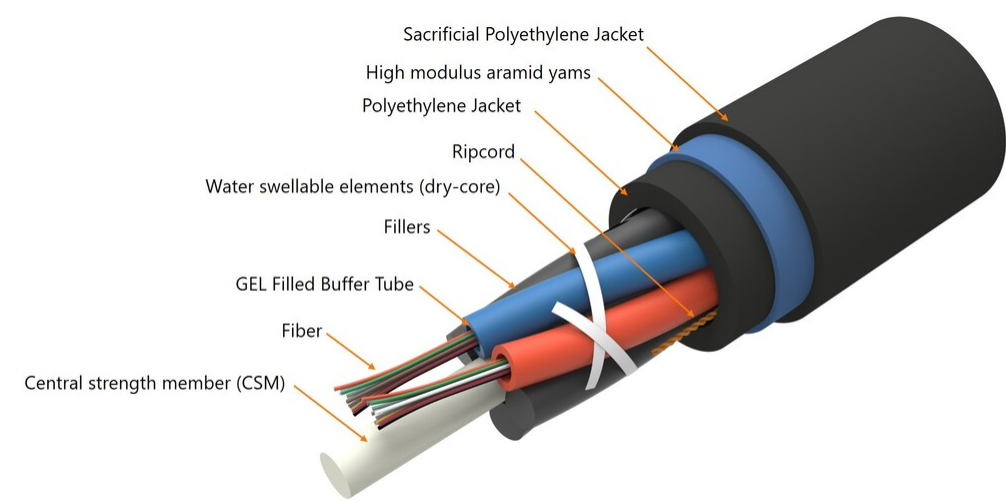
Material Specifications

Jacket Material	PE
Inner Jacket Material	PE

Mechanical Specifications

Minimum Bend Radius, loaded	266 mm	10.472 in
Minimum Bend Radius, unloaded	200 mm	7.874 in
Tensile Load, long and short term	See Sag and Tension tables in Product Documentation section
Cable Crush Resistance, maximum	20 N/mm	114.203 lb/in
Compression	10 N/mm	57.101 lb/in
Compression Test Method	IEC 60794-1-21 E3
Flex	25 cycles
Impact Test Method	IEC 60794-1-21 E4
Strain Test Method	IEC 60794-1-21 E1
Twist	10 cycles
Twist Test Method	IEC 60794-1-21 E7

Optical Specifications

Fiber Type	G.652.D

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.21 dB/km @ 1,550 nm	0.35 dB/km @ 1,310 nm

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Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Storage Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
Jacket UV Resistance	UV stabilized

Environmental Test Specifications

Low High Bend Test Method	IEC 60794-1-21 E11
Temperature Cycle Test Method	IEC 60794-1-22 F1

Packaging and Weights

Cable weight	135 kg/km | 90.716 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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